

Claims

1. A recliner comprising a seat, a backrest pivotally attached to the seat, a stool pivotally attached to the seat, a linkage connected between the backrest and the stool and a hydraulic cylinder connected between the seat and the backrest.
2. The recliner according to claim 1 wherein the hydraulic cylinder includes a lever movable from a first position where the hydraulic cylinder cannot be extended and shrunk to a second position where the hydraulic cylinder can be extended and shrunk.
3. The recliner according to claim 1 wherein the stool includes two linkages pivotally connected with the seat and a stool plate pivotally connected with the linkages thereof.
4. The recliner according to claim 3 wherein the each of the linkages includes a first link pivotally connected with the seat, a second link pivotally connected with the seat, a third link pivotally connected with the first link and the second link, a fourth link pivotally connected with the third link, a fifth link pivotally connected with the fourth link and a sixth link pivotally connected with the third link and the fifth link, and the stool plate is attached to the sixth links of the linkages.
5. The recliner according to claim 1 wherein the linkage includes a first link and a second link, and the first link includes an end pivotally connected with the backrest and an opposite end connected with a center of the second link, and the second link of the linkage includes two ends each connected with one of the first and second links of corresponding one of the linkages.

- 1 6. The recliner according to claim 1 wherein the ends of the second link
2 of the linkage are connected with the second links of the linkages of
3 the stool.
- 4 7. The recliner according to claim 1 including two armrests connected
5 between the seat and the backrest.
- 6 8. The recliner according to claim 7 wherein the hydraulic cylinder
7 includes a lever movable from a first position where the hydraulic
8 cylinder cannot be extended and shrunk to a second position where
9 the hydraulic cylinder can be extended and shrunk.
- 10 9. The recliner according to claim 7 wherein the stool includes two
11 linkages pivotally connected with the seat and a stool plate pivotally
12 connected with the linkages thereof.
- 13 10. The recliner according to claim 9 wherein the each of the linkages
14 includes a first link pivotally connected with the seat, a second link
15 pivotally connected with the seat, a third link pivotally connected
16 with the first link and the second link, a fourth link pivotally
17 connected with the third link, a fifth link pivotally connected with
18 the fourth link and a sixth link pivotally connected with the third link
19 and the fifth link, and the stool plate is attached to the sixth links of
20 the linkages.
- 21 11. The recliner according to claim 7 wherein the linkage includes a first
22 link and a second link, and the first link includes an end pivotally
23 connected with the backrest and an opposite end connected with a
24 center of the second link, and the second link of the linkage includes
25 two ends each connected with one of the first and second links of
26 corresponding one of the linkages.

1 12. The recliner according to claim 7 wherein the ends of the second link
2 of the linkage are connected with the second links of the linkages of
3 the stool.

4 13. The recliner according to claim 7 wherein the backrest is arranged
5 between the armrests.

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